

XTRA ENERGY CORP.  
 WELL# 29  
 ELEV. 50' K.B.  
 SURVEY BY SPERRY-SUN  
 TYPE SINGLE SHOT LAMB. COORD. N4041448 E4204632  
 MAG. DEC: 14 DEGREES

T.H.E. DIRECTIONAL DRILLING COMPANY  
 DIST. CARSON  
 LEASE WILMINGTON  
 RADIUS OF CURVATURE  
 WELL COURSE - N 30 17' W

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MEASURED DEPTH	DRIFT ANGLE	DRIFT DIRECTION	VERTICAL DEPTH	SECTION	LATITUDE FEET	DEPARTURE FEET	DOG LEG/100
3939	36 30	N 33 00 W	3579.16	1326.26	1151.42 N	658.28 W	1.45

THE DOGLEB SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.  
 THE VERTICAL SECTION WAS COMPUTED ALONG N 30 17' W  
 BASED UPON RADIUS OF CURVATURE TYPE CALCULATIONS.

THE BOTTOM HOLE DISPLACEMENT IS 1326.31 FEET IN THE DIRECTION OF N 29 46' W.  
 BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELL HEAD.  
 VERTICAL SECTION IS RELATIVE TO WELL HEAD.